From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: jokortge@sun.lisp.com (Jim Kortge, NU8N)
Subject: [2857] 17 Meter Propo Study
Message-ID: <9508281249.AA05276@sun>

Well, I was there, but sure didn't hear any of the gang. The plan to be bicycle mobile was a bust. I went down stairs to air up the tires and found that I had two broken spokes on the rear wheel. They were'nt broken when I put the bike away after the 600 mile UP trip. Must be some sort of latent stress failure. Guess that comes from carrying 60 pounds of gear that distance.

Anyway, I listened for several hours and worked several Europeans and a few stateside (CA), but no qrp-l qso. Anybody else do any good??

Regards to all, 72......Jim

Jim Kortge, NU8N
jokortge@lisp.com
Fenton, MI

```
                |          Bicycle Mobile Hams
                |  __o         of America
                |_`\<,    Mizuho 17m/40m QRP SSB
..   ..   ..   .  .   .   ..   (*)/(*)  .  .    .     .  . ..
```

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: [2871] 17M QRP
Message-ID: <Pine.SUN.3.91-FP.950828134505.5234B-100000@cap1.capaccess.org>

My experience on 17M yesterday seems to be the same as everyone else's. I listened at the appointed times up until 1900Z and heard none of our folks on. I called CQ a few times, but no response. I tried calling some of those European stations, but could not get through.
I did, however, work a station in Helena, Montana - a new QRP state for me. He said I was 51 and on the next go round I increased power to 50 watts to see if it would make any difference - I was still 51, but a little easier to understand. The next time I went back to 5 watts and he did not notice the change. Proves that a 10X increase doesn't do that much (of course if I went up to a KW, not that I have one...).

Byron - I'll try to be there. You did great with those DX stations. I'll have to work at it. Marginal SSB is a lot harder to copy than marginal CW.

73 & 72,

Steve, N4EUK

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: Mike Connor <mikec@primenet.com>
Subject: [2867] 1st Norcal Qso
Message-ID: <199508281646.JAA24120@mailhost.primenet.com>

Hi Guys,
        Well, got my Norcal 40A running this weekend. What a nice little rig. After a coupla qso's I'm definitely hooked on this qrp thing. Elected to not put af gain on front/rear panel and run it as designed first, good decision I think.
Plenty of audio. Good receiver. Gets about 1 1/2 watts out. Around 50kc on the dial. Very happy with it.
        Thanks for everyone's input, see you on 40.
Mike
NQ7K
.. _._

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: Jim.Nestor@ey.com
Subject: [2882] Connectors for RG-174
Message-ID: <00145000015531910000004*@MHS>

Querry: does anybody know if there is a specific connector that works well with RG-174 submini coax?

I've tried RCA jacks with poor success, maybe I don't have the correct process. They either short out if too much heat applied to the shield or they are flimsy and come apart later.

I'd prefer the positive twist locking action of BNCs but have only seen/got the kind for RG-58. I'm trying to reduce the size and weigh of my travelng station and would like to use RG-174 for interconnections between rig, tuner, SWR etc.

Any suggestions would be appreciated.

72,

Jim, WK8G
jim.nestor@ey.com

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: Harry_Chase@smtpgwy.windata.com (Harry Chase)
Subject: [2885] Connectors for RG-174
Message-ID: <9507288096.AA809653438@smtpgwy.windata.com>

Try using SMA connectors. These are usually used for UHF/microwave work, but are perfectly good at low freq.s, are small (about 5/16 inch overall dia.) and come in a zillion configurations: panel mounts, coax types for many sizes, etc. The ones specified for 085 semi-rigid coax will fit the tiny flexible cables OK, although you need a steady hand . There is a version specifically for the RG174 type, I cant recall any part #'s. Try Pasternack Enterprises Inc. 714-261-1920 call and ask for a catalog. They have lots of other connectors too and they are quite cheap. For small portable setups where space and weight are important , the SMA is a natural choice. They used to be hard to find and very pricey, but they have now been "discovered" by the mass market mfr's and are available all over the place, cheaper, and yes, you will find some at any larger ham flea mkt.

Harry
WA1VVH

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: "Bob Scott" <Bob_Scott@cpqm.saic.com>
Subject: [2870] HW-9 WARC Kit
Message-ID: <n1402514513.68198@cpqm.saic.com>

Anyone got a WARC band kit for the HW-9 that they would like to sell? I do not remember the nomenclature for it. If so, please email me with your asking price. Thanks.

73, Bob AC4QO ... AFA2CY Woodbridge, VA

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: Jim.Nestor@ey.com
Subject: [2879] I'm back
Message-ID: <00145000015530430000004*@MHS>

My distinguished QRPp Colleagues (hey, you guys!),

Just got back from a fantastic 2 weeks tenting with the XYL in the Atlantic Provinces of Canada. Drove 3200 miles, saw all sorts of sights (eagles & mooses), celebrated our 30th wedding anniversary, and even managed to "play radio" a bit.

Also learned the proverbial lesson or two. For instance, any antenna which looks good in the home lab won*t work at all in the wild. I had carefully crafted a 20m loop and a 30m dipole using twinlead feedlines and added a handwound toroid 4:1 balun inside a MFJ Random Wire tuner. Even added cute little twinlead plug and jack sets to make it easy to set up.

Problem was, couldn*t get the SWR below 2.5:1 on either band. Scratched head and figured it out (I think). After I added the balun, I "tested" it with 100,200,300 ohm resistors to see if the combo would hit the desired frequencies. It did. Unfortuneately, the real antennas & feedlines aren*t pure resistive loads and the limited range of the L-match tuner just wouldn*t produce a match. Back to the drawing board, and to the backyard antenna range next time.

Used the backup coax-fed dipole and loop for 20m and end-fed random wire with radials for 30m. Of course, the little L-net did just fine for that arrangement. At one site, I was able to hang a 66* wire almost straight up to a tree and used 4 radials for 20m and 2 for 30m. It worked like gangbusters on both bands!

Squeezed in a bit of air time at most of the 9 campgrounds in Maine, New Brunswick, PEI and Cape Breton. The early morning time wasn*t as productive in terms of band condx and activity. The evenings were better. Made IOTA contacts from NA-55 (Mt. Desert), NA-14 (Campobello), NA-129 (PEI) and NA-10 (Cape Breton). Even managed to get a couple of responsed to my CQs running 2w on 20m (MFJ 9020) and 900mw on 30 (SWL30).

Made a few cheap DX contest contacts and had a few DX ragchews as well. Several nice evening ragchews including working Dan, K2UIC on both 20m and 30m. He wasn*t officially QRP but running a Scout to a dipole in the attic comes close.

Probably the biggest rush came from a nice DX ragchew with Chris, GM4KHA in Fife, Scotland whilst running the SWL30at <1w. Nothing beats working DX on a homebrew rig from a picnic table in the woods!

Major "McGiver" accomplishment was re-soldering the charger plug for the Power Station using a 12v soldering iron plugged into ..... the Power

Station.

Since I only operated an hour or two a day, it was no problem to re-charge the Power Station from the car battery while driving an hour or two to the next location. Also re-charged the Coleman flourescent lanters at the same time. Installed a triple outlet on the back of the car console so I could place the Power Station and the lantern in the floor behind my seat.

All in all, a delightful vacation made more enjoyable by QRP. Film at 11.

Jim, WK8G
jim.nestor@ey.com

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: richards@genesis.nylink.org
Subject: [2869] Mice
Message-ID: <9508281747.AA06696@genesis.nylink.org.nylink.org>

Greetings to all,
I have a problem with mice getting in the house. There is QRP content on the way. I've plugged up all known entry's into the house except the 2" OD pipe with the coax coming in. So far they havent discovered it yet but its only a matter of time. Question is: If I stuff the pipe with steel wool will that have any effect on the coax of any type. I know that metal shouldnt pose an impedance bump at that point but with that much steel wool around it, could there be a problem. I presently only have two cables (RG-58 to an Hustler 5B Vertical and 9913 to the 2M vertical) thru the pipe so there's plenty of room for the varmints to come in. Any help would be greatly appreciated, and please no jokes, or at least no bad jokes. ;-)

72 de Rick WZ2T

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: mvjf@mvubr.att.com (James M Fitton 508 960 2577)
Subject: [2877] Misc. Ramblings
Message-ID: <9508281730.AA01337@ig1.att.att.com>

On the Hamstick pair bolted together.....
Unless you can get some height, I suspect it
will work much better in a vertical configuration
if you are looking for distance, and not just
local contacts.

Also,

When a QRO station says he will turn his rig down to QRP levels,
I immediately turn mine down to milliwatts.
When he turns his to milliwatts,
I attach a dummy load.
When he does the same,
I then go to a code practice oscillator.
When he does the same,
I hit him with my Hamstick.....

But, in the true spirit of QRP, I aim low.

72 Jim W1FMR

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: Jeff Gold <JMG@tntech.edu>
Subject: [2859] Norcal SSB Kit
Message-ID: <01HULN0I75C29AN7QC@tntech.edu>

All,

I can't remember.. when is the Norcal SSB kit suppose to be out..
been too long since I have built anything.

72

Jeff, AC4HF

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: "Geoff Fox" <gfox@ix.netcom.com>
Subject: [2864] Radio Shack 'probe-style oscilloscope'
Message-ID: <199508281624.JAA00711@ix6.ix.netcom.com>

May I call your attention to the brand new Radio Shack (aka the
7-Eleven of electronics) catalog. On page 125 is the "New Probe-style
oscilloscope" which works alone or with your PC. For a penny under
$100 it looks like a pretty good deal for the equivalent of a 20 mhz
scope.

However, I have never seen anything at Radio Shack which wasn't
considerably cheaper elsewhere. Has anybody seen this in another
incarnation?

Geoff WA1U

Geoff Fox

WTNH / 8 Elm Street / New Haven, Connecticut 06510
203-787-3042
203-787-9698 (fax)

WA1U QRP CW

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: adam@libertynet.org (Adam O'Donnell)
Subject: [2884] Suggestions on first kit?
Message-ID: <9508282030.AA20778@philadelphia.libertynet.org>

Does anyone have any suggestions on how I should go about building my
entire station from the ground up?

I was thinking that I would pick up the TKit DC Receiver and build a
transmitter.
How difficult is it to get a transmitter going? What kind of power should I
start out with? (I refuse to start with QRO. That, and I am overloading every
front end on every TV set within a 5 mile radius with my 75 watt signal.)
Can I cut it with 5w?

Can you make any sense out of my psychotic rants here? Oh well. Damn
pain medication... why can't they have just left the wisdom teeth in?...

DAMN THEM ALL TO HELL! Oh wait... I no longer talking to myself, but I am
also typing to myself. Oh man... the guys in straight jackets are coming.

72 and I am not crazy.
Adam O'Donnell, N3RCS
Amsat: N3RCS@AMSAT.ORG
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or
that phenomenon. I want to know His thoughts, the rest are details."
-- Albert Einstein

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995

From: JessQRP@aol.com
Subject: [2866] Re: "dipole" hamsticks use
Message-ID: <950828123751_85267093@mail02.mail.aol.com>

There was a story in a recent QST, don;t have the month, of a guy that built a rotatable dipole for 40 meters using hamsticks in a dipole configuration and had good luck with it. I have often thought about using this configuration for travel. Using two of them as a dipole would eliminate the need for ground planes and counterpoises. The artice suggested good luck at QRO levels. I would try it!

Jess

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>
Subject: [2874] Re: "dipole" hamsticks use
Message-ID: <9508281842.AA14177@flowerslabs.com>

Concerning an earlier posting by "JessQRP@aol.com";

>There was a story in a recent QST, don;t have the month, of a guy that built
>a rotatable dipole for 40 meters using hamsticks in a dipole configuration
>and had good luck with it. I have often thought about using this
>configuration for travel. Using two of them as a dipole would eliminate the
>need for ground planes and counterpoises. The artice suggested good luck at
>QRO levels. I would try it!

What about using the hamsticks in phased or parasitic arrays?

Does anyone have any experience or comments?

Norm, K2NF

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: [2862] Re: <LONG>QRP+MOD FOR W1AW TROUBLE
Message-ID: <199508281451.KAA23838@dartvax.dartmouth.edu>

Hello Byron, I will put the diagram on the scanner as soon as I can, maybe tonight. Look for it on the QRP-L, news group.

Regarding solar power; I just fininshed a solar powered system for QRP.
It features a "Desert Storm", supplus paner, an interface between the panel

and the Power Station. The Power Station is the one advertized in the ham mags. I mounted the panel in a pistol case,and it fits perfectly. I glued some open cell packing foam behind the panel and them glued the whole thing into the pistol case, leaving some room top and bottom for ventilation. The panel gets so hot sitting in the sun, that I almost cant touch it.

The interface is a radio shack project box, housing a couple of diodes for reverse current protection, a couple of cut through switches, and a couple of binding posts fore and aft, for reading incoming voltage from the panel and out going voltage to the regulator,(built in to the Power Station).

Please let me know what you come up with for front panel lights.

Yes, please send me details on the QRP Plus fix.
>
>
I'm also working on a front panel lighting system for night
>operations. Its main use seems to be
>battery operation, it has alot of features and low current draw. As i'm
>moving my station towards 100 per cent solar operation, this appeals to me.
>
>I'll check out those freqs and see if my Plus works the same.
>
>72, Byron WA8LCZ Detroit   QRP Plus Ser #263
>
>
de AA1IK   (Lead by example, It is much easier   )
                              (to pull a string than it is to push it.)
Ernie Gregoire   (   )
Canaan, NH.   (   )
                              (____)

e-mail : GREGOIRE@VALLEY.NET
packet : AA1IK@WA1WOK.FN43FE.NH.USA

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: nskousen@scientech.com (Niel Skousen)

Subject: [2883] Re: Connectors for RG-174
Message-ID: <9508282006.AA08059@rogue.corp1.scientech.com>

FYI

BNC for min.coax

Amp	2-221128-2	Digikey	A1166-ND	2.60
Amphenol	31-315 (RFX)	Digikey	ARF(X)-1049-ND	4.51 (1.70)

the paren's indicate Amphenols 'cheap' RFX version

Good Luck and try to use 188 (teflon) if you can find it cheap, 174 runs 13dB/100 ft at 1GHz

Niel
WA7SSA

>Querry: does anybody know if there is a specific connector that works well
>with RG-174 submini coax?
>
>I've tried RCA jacks with poor success, maybe I don't have the correct
>process. They either short out if too much heat applied to the shield or
>they are flimsy and come apart later.
>
>I'd prefer the positive twist locking action of BNCs but have only seen/got
>the kind for RG-58. I'm trying to reduce the size and weigh of my travelng
>station and would like to use RG-174 for interconnections between rig,
>tuner, SWR etc.
>
>Any suggestions would be appreciated.
>
>72,
>
>Jim, WK8G
>jim.nestor@ey.com

Niel Skousen, nskousen@scientech.com
SCIENTECH Special Projects
208-525-3742, 529-4721 (FAX) WA7SSA

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: "N1OOQ Tom R. @ MRO1 28-Aug-1995 0949" <randolph@est.ENET.dec.com>

Subject: [2860] re: Favorite QRP/Homebrew Books?
Message-ID: <9508281400.AA17152@us4rmc.pko.dec.com>

>Do you guys have any favorite QRP or Homebrew books? I am going to send
>an order out to the ARRL this week. I already have the 1994 Handbook,
>W1FB'S QRP Notebook and Low Profile Amateur Radio.

Get "Solid State Design for the Radio Amateur". Excellent, if a little bit dated... some of the chips/transistors used in there aren't available any more. Detailed design methods are explained, with many projects. Lots of simple, easily-built test equipment for the financially-challenged ham.

Get "QRP Classics". Also Excellent. Reprints of many, many great articles from QST over the last 20 years. Transceivers, test equipment, bits and pieces of radios like crystal filters, VFOs, power amps, on and on...

>How is W1FB'S Design Notebook? Is the QRP Operators Manual any good?

Design Notebook is OK, nothing that you don't pretty much already have in "QRP Notebook", though. I don't have "Operator's".

If you're a real techie type, get "Intro to Radio Frequency Design" by Wes Heyward W7ZOI. Very detailed analysis of circuits including some math. Transistor models, amplifiers, oscillators, mixers, noise, distortion, all that sort of stuff...

-Tom R.   N1OOQ   randolph@est.enet.dec.com

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: [2872] re: Favorite QRP/Homebrew Books?
Message-ID: <Pine.PMDF.3.91.950828141337.545448686F-100000@utkvx.utk.edu>

For a list of books and brief descriptions of their contents, see the files in the QRP-L archives. There is also a list of periodicals and a list of antenna books. They will not specify favorites, but will give an idea of what is available from where.

-73-
LB, W4RNL

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995

From: aa7qy@primenet.com (Roger Hightower)
Subject: [2858] Re: IARU Region II General Assembly Mtg
Message-ID: <199508281334.GAA10128@mailhost.primenet.com>

>Date: Mon, 28 Aug 95 09:37:30 MEZ
>From: Urs Schlegel <schlegel@ccgate.ari.ch>
>To: aa7qy@primenet.com
>Subject: Re: IARU Region II General Assembly Mtg
>
>Roger, it looks, like they try to come closer what is the rule in
>Europe (IARU region I?)
>
>   7000-7035   CW
>   7035-7040   Digital
>   7040-7050   International Packet
>
>>By custom, 7.040 has long been acknowledged to be the QRP calling
>>frequency
>
>we have 7030 as QRP calling freq. Unfortunately, I have no chance to work any
>QRP outside EU on 7040 (because of RTTY and SSB). Therefore, I would like
to see
>you on 7030 ;-) (Just what's "walking" through my mind. No fight against your
>thoughts!!)
>
>73 de HB9HAU, Urs   schlegel@ccgate.ari.ch
>

Guess I didn't do enough homework. I wasn't aware of this, but if so,
then the RAC proposal may not be that far off base. Wait and see, I
guess.

Tnx to Urs for the info.

7e, de Roger, AA7QY
aa7qy@primenet.com   NorCal #1099   NEQRP #383

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: greid@i-link.net (Glen Reid)
Subject: [2863] Re: IARU Region II General Assembly Mtg
Message-ID: <9508281521.AA36896@echo.i-link.net>

>>Date: Mon, 28 Aug 95 09:37:30 MEZ
>>From: Urs Schlegel <schlegel@ccgate.ari.ch>

>>To: aa7qy@primenet.com
>>Subject: Re: IARU Region II General Assembly Mtg
>>
>>Roger, it looks, like they try to come closer what is the rule in
>>Europe (IARU region I?)
>>
>>   7000-7035   CW
>>   7035-7040   Digital
>>   7040-7050   International Packet
>>
>>>By custom, 7.040 has long been acknowledged to be the QRP calling
>>>frequency
>>
>>we have 7030 as QRP calling freq. Unfortunately, I have no chance to work any
>>QRP outside EU on 7040 (because of RTTY and SSB). Therefore, I would like
>to see
>>you on 7030 ;-) (Just what's "walking" through my mind. No fight against your
>>thoughts!!)
>>
>>73 de HB9HAU, Urs   schlegel@ccgate.ari.ch
>>
>
>Guess I didn't do enough homework. I wasn't aware of this, but if so,
>then the RAC proposal may not be that far off base. Wait and see, I
>guess.
>
>Tnx to Urs for the info.
>
>7e, de Roger, AA7QY
>aa7qy@primenet.com   NorCal #1099   NEQRP #383
>
>
>
>
>
I hate to give up CW space to digital, so much of HF packet seems to be
connect requests and NAKS, but I also think tht we should align our QRP
freqs. with the Europeans. There must be a reason it has never been done.
Anybody know those reasons?

Glen Reid   K5HGB   Austin

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: ARDAI@MAVEN.dnet.teradyne.com
Subject: [2861] Re: Incorrect address for KB6ZV

Message-ID: <01HULPI2W79U0046DX@A1GATE.TERADYNE.COM>

I just looked up rstafford@
arrl.org, and it is forwarded to 2805867@mcimail.com.
/mike
n1ist@netcom.com

PS. <first initial><last name>@arrl.org should work for anyone down at Newington (and it looks like it also works for some division directors and vice directors. It doesn't work for section managers, however.)

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: Erik Werner <werner@cadman.cit.buffalo.edu>
Subject: [2873] Re: Mice
Message-ID: <199508281824.OAA26780@cadman.cit.buffalo.edu>

>
> Greetings to all,
> I have a problem with mice getting in the house. There is QRP content on
> the way. I've plugged up all known entry's into the house except the 2" OD
> pipe with the coax coming in. So far they havent discovered it yet but its
> only a matter of time. Question is: If I stuff the pipe with steel wool
> will that have any effect on the coax of any type. I know that metal
> shouldnt pose an impedance bump at that point but with that much steel wool

Try filling the hole with hair. According to a gardening show on PBS about getting rid of the rodents, he said that the hair ends up getting on their fur and acts as an irritant.

Erik Werner

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: David Moody <MOODY@Admin.Rose-Hulman.Edu>
Subject: [2875] Re: Mice
Message-ID: <01HULWTDSDVU8Y4YZD@Admin.Rose-Hulman.Edu>

Rick,

>Greetings to all,
>I have a problem with mice getting in the house. There is QRP content on

>the way. I've plugged up all known entry's into the house except the 2" OD
>pipe with the coax coming in. So far they havent discovered it yet but its
>only a matter of time. Question is: If I stuff the pipe with steel wool
>will that have any effect on the coax of any type. I know that metal
>shouldnt pose an impedance bump at that point but with that much steel wool
>around it, could there be a problem. I presently only have two cables
>(RG-58 to an Hustler 5B Vertical and 9913 to the 2M vertical) thru the pipe
>so there's plenty of room for the varmints to come in. Any help would be
>greatly appreciated, and please no jokes, or at least no bad jokes. ;-)

I don't know if steel wool will have any adverse effect on the coax or its jacket, but I would rather use a can of the expando foam insulator that you can buy at most good hardware type stores. This stuff can be injected into the opening where the coax enters the pipe and will expand to fill the spaces. After it sets up, it is a very effective barrier against bugs, rodents, etc. I have used this stuff around pipes and other cracks and places where these critters can get in. It works very well. If you think that this isn't their current means of getting in, check around pipes in the kitchen or bathroom, check around doors, look for loose molding anywhere. It is amazing what these little guys can crawl through. Also, we are getting to that time of year when they will start looking for a place inside.

I guess it is good that you are a QRPer, otherwise you might have rats. ;-)
(I know, I know, it was a _BAD_ joke, but he had a smiley, really he did.)

72, David Moody, KD8NY

David A. Moody | E-mail: David.Moody@Rose-Hulman.edu
Admin. Programmer/Analyst | Finger: mgrdam@crux.Rose-Hulman.edu
Rose-Hulman Inst. of Tech. | Amateur Call: KD8NY (CW QRP) ex-WB9MMD
Terre Haute, IN USA 47803 | (VMS Rules!!! (but RSTS was fun.))
Wk Ph: 812.877.8183 |

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.
It is up to you to know the difference.

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: ddonald@vikings.onecomm.com (Dave Donaldson)
Subject: [2876] Re: Mice

>

> Greetings to all,
> I have a problem with mice getting in the house. There is QRP content on
> the way. I've plugged up all known entry's into the house except the 2" OD
> pipe with the coax coming in. So far they havent discovered it yet but its
> only a matter of time. Question is: If I stuff the pipe with steel wool
> will that have any effect on the coax of any type.

No, the coax is shielded and should be at ground. Because it is at ground potential every thing done around it will have not effect. If there are currents on it you have other problems. The transmitter "looks down the feed line to the ant and all it sees is a center conductor, dielectric and a ground. Hence, constant impedence irrespective of anything around it.

(Stuff deleated.............)

>
>
> 72 de Rick WZ2T
>
>

73 (or 72)

Dave,
WB7DRU

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [2878] RE: Mice
Message-ID: <n1402505015.93157@msmailgw1.arlut.utexas.edu>

Rick,
Here again we need to look to the basics. In a properly operating coaxial fed system, all the RF is on the INSIDE of the shield of the coax. Thus, you may stuff the pipe with steel wool. In fact, if some casual imbalence in the antenna that is fed with the coax happens to induce some return current on the OUTSIDE of the shield, the steel wool may even work to choke off that, although it will not have the constants that ferrite beads would have.

Now, that is all the good news. Unfortunately, it appears that rats have been known to chew steel wool if they were really determined to get through a hole; and I do not know if your mice are that persistent. You might want to create a tin cover for the coax tube with a hole in the tin just the size for the coax. You could cut the cover in two halves to make it easy to take off and modify for future feeds. Aluminum would work as well. On the inside of the house, use

some "dux seal" that is sold in the air conditioning supply houses to stuff the tube, (it is a clay like substance, or use modeling clay,) and seal any heat or cool air loss from the house. It is that air current that will attract a rodent's curiosity to explore "the cave". Needless to say, keeping pet foods in open containers outside is what attracts many pests be it mice, squirrels, or large birds.

An added advantage to having a metal conducting plate on the outside of the coax wall tube is that you can there establish an earthed protective ground for grounding the coax for protection against lightning.

Good Luck!
Stuart K5KVH

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: John Dundas <ab6dg@netcom.com>
Subject: [2880] RE: Mice
Message-ID: <Pine.3.89.9508281144.A24051-0100000@netcom16>

OK, I'll throw in my .02 worth--

I find the steel wool works fine to keep out rodents, but I suggest (and use) *stainless* steel wool--it is availaable at restaurant supply type places, where it is sold as a type of scouring pad. Two should be sufficient for a 2 inch hole.

Someone suggested using the expanding foam stuff. I tried that, and did not like it--very messy, expands in a somewhat unpredictable manner, very difficult to run more cables through the space later, etc. In addition, the rodents at my house, at least, LIKE the stuff.

72/3 de John AB6DG

On Mon, 28 Aug 1995, rohre wrote:
> Now, that is all the good news. Unfortunately, it appears that rats have been
> known to chew steel wool if they were really determined to get through a hole;
> and I do not know if your mice are that persistent. You might want to create a
>snip
>

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: "Norman E. Fink" <norm@uu1238.flowerslabs.com>

Subject: [2886] RE: Mice
Message-ID: <9508282153.AA15982@flowerslabs.com>

In response to :

>I have a problem with mice getting in the house. There is QRP content on
>the way. I've plugged up all known entry's into the house except the 2" OD
>pipe with the coax coming in. So far they havent discovered it yet but its
>only a matter of time. Question is: If I stuff the pipe with steel wool
>will that have any effect on the coax of any type. I know that metal
>shouldnt pose an impedance bump at that point but with that much steel wool
>around it, could there be a problem. I presently only have two cables
>(RG-58 to an Hustler 5B Vertical and 9913 to the 2M vertical) thru the pipe
>so there's plenty of room for the varmints to come in. Any help would be
>greatly appreciated, and please no jokes, or at least no bad jokes. ;-)

Some years ago I noticed electricians using a putty-type substance
to fill and seal holes around conduits containing the electric
service lines coming into my home. I looked for and found this

"stuff" in an electrical supply house.

It has the consistency of modeling clay (which would

probably be just as effective) and can be stuffed into

any type opening. An added benefit is that it will provide an
air-tight 'cause you can form it around, betwixt, and between

your wires and cables.

Since the stuff is cheap, you can use a good bit of it to produce an

effective mouse barrier (I don't think they like to eat it, but I've
never asked.)

Hope this helps, it's what I use...

Norm, K2NF

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: "N1OOQ Tom R. @ MRO1 28-Aug-1995 1258" <randolph@est.enet.dec.com>
Subject: [2887] re: mixer input - how clean?
Message-ID: <9508281708.AA01791@us4rmc.pko.dec.com>

Well, thanks for all the advice, gang...!
I fussed around with the BFO over the weekend. I increased the emitter resistor by almost 10x (!), and the sawtooth output smoothed out to something approximately like a sine wave, and only lost about 1/2 the amplitude. On the scope, I also saw a "squegging" problem: the osc output was AM modulated at about 240 KHz... this also went away with the decrease in bias.

It's nice to have a scope on these occasions... the "squegging" wasn't audible on the receiver I was using to listen to the osc. freq.

BTW, the consensus was, yes it does matter how clean your BFO is. Output noise and images will both increase if the BFO signal is dirty. I'm going to put in a simple harmonic filter to clean it up a little more, as there was still some bumpiness on the signal.

-Tom R.   N1OOQ   randolph@est.enet.dec.com

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: burdick@interval.com (Wayne Burdick)
Subject: [2865] Re: NC40A MOD KEYER/FREQ COUNTER
Message-ID: <v02130506ac67ab55dcad@[199.170.106.28]>

>Wayne: What is status of ur project [KC1]? Any new specs, cost, dlvry dts?
>Grover

Hi Grover,

The KC1 is ready to ship. Slight delay while I got married and went to Kauai for 10 days. :)   Had a great time!   And this ring is really hard to get off....

We're expecting to get the new silkscreened KC1 boards today or tomorrow, so Bob Dyer will have both full and partial kits ready to go in a week or so. (You can call him at 415-494-3806.)

Note: Even though the firmware is very stable, I still consider it to be in beta test. All units shipped over the next month or two are eligible for free upgrades if the firmware changes. All you have to do is call Bob and arrange to send in your KC1 PIC microprocessor for reprogramming.

73,
Wayne

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: NYOUNG@nova.wright.edu
Subject: [2856] Re: QRP ARCI Logo in .tif ?
Message-ID: <01HUKWVO57X0937TWJ@nova.wright.edu>

LB is absolutely correct. He is, in fact, using the same
trick that offset printers have used for years when dealing
with "aardvark" artwork. (Aardvarks are those customers who
show up at the door at 4:59.59 with their artwork on a table
napkin. They have the copy in their heads and they write it
down as you take the order. Then they say "You're the experts.
Just make it look pretty, ok? And can I have a proof by 9 a.m?
My printer was supposed to get this last Thursday." Then they
leave and show up the next morning around 11:50 a.m. They look
at what you've done and say "That's nice. But it's not what I
had in mind." Those are aardvarks. They exist. I have seen them.
I have fantasized hiring off-duty Brazilian cops to strangle them
slowly at the top of the pyramid while Tlangtlang Mlotec the Death
God rips their still beating hearts from their chests with a
very dull obsidian ceremonial knife.)

The trick is in the registration: if you have lines, line them
up with the scan lines on the scanner. Then reduce and reduce.
YOu'll be able to take things back up an enlargement later if
need be, but you'll still end up patching. And patching those
grey spots is very important. Very important. Almost as important
as making sure that the ceremonial knife is very, very dull.
Duller than a spoon, actually.

7344
10754321.73
ok, ok. 73

Nils
WB8IJN &C

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: smorley@ix.netcom.com (Stephen Morley)

Subject: [2868] Re: Radio Shack 'probe-style oscilloscope'
Message-ID: <199508281658.JAA06914@ix6.ix.netcom.com>

You wrote:
>
>May I call your attention to the brand new Radio Shack (aka the
>7-Eleven of electronics) catalog. On page 125 is the "New Probe-style
>oscilloscope"

Geoff -
    Thanks for the tip. I called the North Haven, CT store, and was told that they won't have it available until after November 30, 1995. The unit apparently consists of a card and software for your PC (no mention of Mac compatability), along with some type of probe.

    I had been toying with the idea of a Fluke "scopemeter" for its portability, but it seemed a tad expensive for my uses. Now I have a reason to wait a little longer!

                                73, Steve - N1NPZ North Haven, CT

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: wwm@wa8tzg.mi.org (Bill Meahan)
Subject: [2888] Re: Radio Shack 'probe-style oscilloscope'
Message-ID: <3042442d.wa8tzg@wa8tzg.mi.org>

>From: smorley@ix.netcom.com (Stephen Morley)
>To: Multiple recipients of list <qrp-l@lehigh.edu>
>Subject: Re: Radio Shack 'probe-style oscilloscope'
>X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
>X-Comment: Low Power Amateur Radio Discussion
>Date: Mon, 28 Aug 1995 13:02:11 EDT
>
>You wrote:
>>
>>May I call your attention to the brand new Radio Shack (aka the
>>7-Eleven of electronics) catalog. On page 125 is the "New Probe-style
>>oscilloscope"
>
>Geoff -
>   Thanks for the tip. I called the North Haven, CT store, and was
>told that they won't have it available until after November 30, 1995.
>The unit apparently consists of a card and software for your PC (no
>mention of Mac compatability), along with some type of probe.
>

Re-read the catalog description *really* carefully: the probe has an LCD (16x32 pixels) that can be used in a "stand-alone" mode as well as an RS-232 interface and PC software that allows use of the PC screen as a larger display.

Guess what I told my wife I jut HAD to have for Christmas :-) :-) :-)

ObQRP: I built an OHR Sprint (30M version) but when I adjust R5 (the drive control) for power output, I don't get anything like a linear relationship between control setting and output level: just no output at all until a certain point is reached then full output. I'm past my warranty period (don't ask why - it has nothing to do with the kit) so I'll rely on the wisdom of the list to point out the error of my ways. Or maybe there isn't any - it doesn't exactly SAY that there is any kind of linear behavior, it just *implies* such.

Another oddity: trying to run the rig into my R7 vertical, my SWR meter (RS SWR/Power jobbie, not an OHR) shows nearly infinite SWR but feeding the antenna with my KWM2 shows nearly a perfect match. Odd, eh? Doesn't the OHR like a DC-grounded antenna?

Sigh. Now to throw together an antenna tuner. Sure wish I had that little RS scope :-)

72!
--
Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org
Member of: ARRL, IMRA, NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)
Hey, this is my OWN computer! I can say what I want!
cat: a purr bearing mammal

From qrp-l@lehigh.edu Mon Aug 28 19:42:00 1995
From: kellner@usa.acsys.com (Richard G. Kellner)
Subject: [2881] Re: Ramsey Amps?
Message-ID: <9508281501.AA27619@usa.acsys.com>

> From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.po.my>
> To: "Richard G. Kellner" <kellner@usa.acsys.com>
> Cc: qrp@pandora.lugs.po.my
> Subject: Re: Ramsey Amps?
>
> On Sun, 20 Aug 95 15:01:37 MDT, "Richard G. Kellner" <kellner@usa.acsys.com> wrote:
> > Thanks for the suggestions, Daniel. You wouldn't happen to have the

> layout in a form you could send to me, would you? Did you change

What format do you want the layout in? The mounting is slightly different for the MTP3055E's as part of my design was to allow attachment to a much larger heatsink. I used a shareware PCB designer to do the job so I can send that PCB file to you (Protel's format).

Let me know what you need and I'll see what I can do about it.

73 de 9V1ZV Daniel
--
Daniel Wee | daniel@pandora.lugs.po.my
9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

Sorry for the delay in responding, Daniel, I just returned from travel (did get to do some mobile CW from Indiana and Illinois, however). I have access to an OrCAD PC board layout package, which can read EDIF 2.0 files. Maybe I should get the shareware package you are using so I could use the Protel-format files - what is the exact name of it? Or, I could print PostScript files here, but that would not be as flexible of course.
Thanks and 73,

de Rich W5RXP